Docket No.: KEHRMANN-4 Appl. No.: 10/596,333

AMENDMENTS TO THE SPECIFICATION WITH MARKINGS TO SHOW CHANGES MADE

Amend the following paragraphs:

[0007] — According to one aspect of the invention, a hydraulic binder includes cement as main constituent, to which a mixture of a chromate reducer and a carrier material is added, wherein the chromate reducer contains two iron(II) sulfate components, with the first component made of filter salt from the titanium dioxide production, and with the second component being green-salt copperas, and a mineral acid regulator which is added to the chromate reducer.—.

[0010] —According to another feature of the invention, a chromate reducer is used containing two iron(II) sulfate components. The first component is made of filter salt from the titanium dioxide production to which a mineral acid regulator is added. The second component is green salt copperas.—.

-The chromate reducer according to the invention for reduction of water-soluble chromate contents in cement includes a mixture of filter salt from the titanium dioxide production (iron(II) sulfate monohydrate) as well as green-salt copperas (iron(II) sulfate heptahydrate) and a mineral acid regulator. The components of the chromate reducer can be mixed basically in any random sequence. --.

[0028] --As already stated above, it is within the scope of the invention to use ground limestone as mineral acid regulator. The mineral acid regulator is added to the chromate reducer at an amount between 3 weight-% and 18 weight-%, preferably 5 weight-% to 15 weight-% in relation to the amount of filter salt (iron(II)sulfate monohydrate). Practical tests have shown good results, when using a chromate reducer in which filter salt and green-salt copperas are mixed at a ratio of 1:1 to 1:5 while mineral acid regulator is added.--.